

To: Caporale, Cynthia[Caporale.Cynthia@epa.gov]
From: Slayton, Joe
Sent: Sat 1/25/2014 3:32:37 PM
Subject: RE: PPH Discussion Group

Ex. 6 - Personal Privacy

They mentioned "validation" and verifying "performance" of the microextraction techniques so I took that to mean they had performed spike analysis thru the method.

Ex. 5 - Deliberative

From: Caporale, Cynthia
Sent: Saturday, January 25, 2014 9:19 AM
To: Slayton, Joe
Subject: RE: PPH Discussion Group

I don't think Matric was using the micro extraction - direct inject was what I wrote down. REIC was using the mirco extraction technique. With the info below

Ex. 5 - Deliberative

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-----Original Message-----

From: Slayton, Joe
Sent: Saturday, January 25, 2014 8:21 AM
To: Caporale, Cynthia
Subject: RE: PPH Discussion Group

Left EricG a voice mail this AM with a discription of the mini extraction to concentrate the MCHM. Given the no- solubility in water of both key compounds (somewhat unexpected at least to me given their structure), will help the single partition extractio recoveries for both the MCHM and PPH. I have conveyed to him to give me a call or send me an Email if he wants company/help, so I will not disturb him further as he likes to stay very focused when he is working--a good quality for the exacting work of analysis. JoeS

From: Caporale, Cynthia
Sent: Friday, January 24, 2014 11:31 PM
To: Slayton, Joe; Graybill, Eric; Gundersen, Jennifer; Molnar, Adam; Poff, Kevin; Warner, Sue; Zawodny, Peggy
Subject: FW: PPH Discussion Group

An update from Matric Lab.

From: Mark Nunley [mailto:Ex. 6 - Personal Privacy@matricinnovates.com]
Sent: Friday, January 24, 2014 11:17 PM
To: Ex. 6 - Personal Privacy@amwater.com; Arguto, William; Ex. 6 - Personal Privacy@dupont.com; bucher@niehs.nih.gov; Burns, Francis; Capacasa, Jon; Caporale, Cynthia; Ex. 6 - Personal Privacy@reiclabs.com; christopher.weis@nih.gov; **Ex. 4 - CBI** Ex. 6 - Personal Privacy@mail.mil; Ex. 6 - Personal Privacy@wv.gov;

Ex. 4 - CBI

Ex. 4 - CBI

oc3@cdc.gov; martha.a.mcelfresh@wv.gov; masten@niehs.nih.gov; miller.aubrey@nih.gov;

Ex. 4 - CBI

Ex. 4 - CBI

Ex. 4 - CBI

vck3@cdc.gov;

walter.m.ivey@wv.gov; Werner, Lora

Subject: RE: PPH Discussion Group

This email is intended to communicate MATRIC's recent findings.

1. Our detection for combined DiPPH and PPH has been improved to 1ppm by using a different GC. We have ran a 1/10/14 sample using the new GC and the result is still "Not Detected".

2. We have determined that the PPH ratio in the tank of MCHM is expected to be closer to 90-95% DiPPH and 5-10% PPH. We had earlier believed the tank contents were 50/50 DiPPH to PPH.

3. Our detection limit is based on being able to detect the DiPPH peak in a standard that represented 0.6 ppm of DiPPH.

We are currently rerunning the Raw and Finished samples from 1/10/14 through 1/16/14 with the other GC that is capable of detecting the DiPPH at 1ppm. We expect to have these results in the morning at around 10AM.

Ex. 4 - CBI

[<https://mail.matricresearch.com/downloads/MATRICSquareLogo.gif>]

Ex. 4 - CBI

PROCESS ENGINEER

MATRIC | Mid-Atlantic Technology, Research & Innovation Center

Ex. 4 - CBI

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www.matricinnovates.com<<http://www.matricinnovates.com/>> |

Twitter<<http://www.twitter.com/matricinnovates>> | LinkedIn<<http://www.linkedin.com/company/matric>>

-----Original Message-----

From: [Ex. 6 - Personal Privacy]@amwater.com<mailto:[Ex. 6 - Personal Privacy]@amwater.com>
[mailto:[Ex. 6 - Personal Privacy]@amwater.com]
Sent: Friday, January 24, 2014 6:16 PM
To: arguto.william@epa.gov<mailto:arguto.william@epa.gov>; [Ex. 6 - Personal Privacy]@dupont.com';
bucher@niehs.nih.gov<mailto:bucher@niehs.nih.gov>;
burns.fran@epa.gov<mailto:burns.fran@epa.gov>;
capacasa.jon@epa.gov<mailto:capacasa.jon@epa.gov>; 'caporale.cynthia@epa.gov';
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[Ex. 6 - Personal Privacy]@matricresearch.com'; [Ex. 6 - Personal Privacy]@vck3@cdc.gov';
'walter.m.ivey@wv.gov'; werner.lora@epa.gov<mailto:werner.lora@epa.gov>
Subject: Re: PPH Discussion Group

Corrected email for Jon Capacasa now included.

Regards,

[Ex. 6 - Personal Privacy]

President

West Virginia American Water

1600 Pennsylvania Avenue

Charleston, WV 25302

Ex. 6 - Personal Privacy

www.amwater.com<http://www.amwater.com>

From: Ex. 6 - Personal Privacy | WAWC/AWWSC

To:

"Lin"

"ma

Ex. 4 - CBI

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Date: 01/24/2014 05:55 PM

Subject: PPH Discussion Group

This is the entire PPH discussion group as I understand it right now. REIC labs is working overnight attempting to lower the 1.2 ppm detection limit achieved by MATRIC.

Once we here from REIC in the morning we will set up another conference call for the group.

Regards,

Ex. 6 - Personal Privacy

President

West Virginia American Water

1600 Pennsylvania Avenue

Charleston, WV 25302

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www.amwater.com<<http://www.amwater.com>>

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